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SNOW SURVEYS and WATER SUPPLY OUTLOOK for ALASKA



GOVERNMENT SERIAL RECORDS

NOV 11 '75

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U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE
Collaborating with
ALASKA SOIL CONSERVATION DISTRICT

AS OF
MAY 1, 1975

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Sacajawea Snow Course
in Bridger Mountains, Montana.*

SCS PHOTO 11-P480-15

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



FEDERAL - STATE - PRIVATE
SNOW SURVEYS
AND
WATER SUPPLY OUTLOOK
FOR
ALASKA

Issued by

KENNETH E. GRANT
ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

WEYMETH E. LONG
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
ANCHORAGE, ALASKA

Report prepared by

ARTHUR G. CROOK
SNOW SURVEY SUPERVISOR
SOIL CONSERVATION SERVICE
204 EAST FIFTH AVENUE
ANCHORAGE, ALASKA 99501



AT THE TOP OF THE CHENA

SCS PHOTO AA-283

ALASKA SUMMARY
as of
MAY 1, 1975

The combination of cool temperatures and wet weather during April has resulted in abnormally heavy snowpacks on many Alaska watersheds. Snow surveys taken about May 1 indicated that very little melt had taken place and several areas had received more snow than usual during April. The area by area summary follows.

KOYUKUK and YUKON DRAINAGES

Little data is available from these regions. The few snow courses that are measured on May 1 indicate a wide variety of conditions. In general, the current snowpack is two to three times heavier than last year and on the Upper Yukon is about 25 percent greater than average.

TANANA-CHENA DRAINAGES

The snowpack increased more than normal during April, and with cool temperatures retarding melt, the May 1 snowpack was 20 percent greater than average. More than twice as much snow was on the ground at survey time than was the case last year. Streamflow forecasts for the May through July period indicate slightly below normal flows (See page four).

COPPER DRAINAGE

This region continues to have about 40 percent more snow than normal. At survey time there was considerable melting of the snow at lower elevations. The May 1 snowpack was about 80 percent heavier than last year.

MATANUSKA-SUSITNA DRAINAGES

Conditions in this area were much the same as in the Copper drainage, with about 40 percent more snow than normal for May 1 and twice as much on the ground as last year.

UPPER COOK INLET

Most of the Ship Creek watershed snow courses now are heavier than at any time since the survey program began. Streams in this vicinity will flow at rates well above normal this summer.

KENAI PENINSULA

The heavy snowpack over much of the Kenai Peninsula had not begun to melt at survey time. The current snowpack is nearly twice last year's amount and much above normal.

SOUTHEASTERN DRAINAGES

The Juneau-Snettisham area continues to have a heavy snowpack. The May 1 pack is 20 percent above normal. No measurements were taken at Ketchikan this month.

NOTE: Beginning with this issue the snowpack record from Devil Canyon will be published. The Devil Canyon site, on the Susitna River has been established by the Department of Army's Cold Regions Research and Engineering Laboratory and the Army's Corps of Engineers. Data are transmitted automatically via the Earth Resources Technological Satellite (ERTS) to a receiving station on a daily basis. See page nine for the snow "pillow" record.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year <u>2/</u>	Average [†]
YUKON RIVER at Eagle	43,900	132%	May-July	27,013	33,260
at Ruby	75,475	115%	May-July	51,030	65,630
PORCUPINE RIVER nr. Ft. Yukon	7,315	106%	May-July	4,595	6,900*
CHENA RIVER at Fairbanks	432	80%	May-July	323	540
LITTLE CHENA nr. Fairbanks	68	75%	May-July	64	90*
SALCHA RIVER nr. Salchaket	580	77%	May-July	348	750
SHIP CREEK nr. Anchorage 1/	85	149%	May-July	43	57
SO. FK. CAMPBELL CREEK at Canyon Mouth nr. Anchorage	21.6	151%	May-July	10.9	14.3*

* Estimated

1/ Measured flow adjusted for diversion.

2/ Provisional data, subject to revision.

SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		Years of Previous Record
						Last Year	Average [†]	
NAME	Number	Elevation						
AS OF APRIL 15, 1975								
<u>KOYUKUK DRAINAGE:</u>								
Cold Foot	107	1000	4/16	33	5.4	---	---	--
Dietrich Camp	106	1550	4/16	21	4.0	---	---	--
<u>TANANA-CHENA:</u>								
Caribou Mine	28	1115	4/16	27A	6.0E	4.7E	4.8	9
Cleary Summit	18	2230	4/16	36A	8.5E	6.4E	7.1	12
Little Chena	19	2200	4/16	26A	6.3E	5.0E	5.6	13
Mt. Ryan	20	2950	4/16	37A	8.0E	6.4E	8.2	13
Munson Ridge	23	3100	4/16	62A	17.0E	12.5E	15.5	13
Upper Chena	75	3000	4/16	35A	8.0E	6.2E	6.3	5
Wolf Creek	76	3850	4/16	18A	4.0E	3.2E	3.1	5
AS OF MAY 1, 1975								
<u>KOYUKUK DRAINAGE:</u>								
Cold Foot	107	1000	5/01	25	5.1	0.9	---	2
Dietrich Camp	106	1550	5/01	0	0.0	1.1	2.5	4
Jim River	115	1900	NO	SURVEY		2.5E	---	2
Glacier Creek	113	2000	NO	SURVEY		3.8E	4.3	3
Kupuk Creek	112	2300	NO	SURVEY		2.8E	2.2	3
Prospect Creek	108	980	5/01	14	3.6	3.7	6.6	4
Snowden Mtn.	111	1900	NO	SURVEY		2.9E	2.0	3
Table Mtn.	110	2200	NO	SURVEY		3.8E	3.8	3
West Buttons	114	1600	NO	SURVEY		N/S	---	2
<u>YUKON DRAINAGE:</u>								
Five Mile	109	400	5/01	13	4.3	T	3.5	4
Log Cabin	69	2880	4/29	40	14.3	6.4	11.5	17
Thirty Mile	116	1300	NO	SURVEY		4.2E	---	2
<u>TANANA-CHENA:</u>								
Big Delta	29	975	5/01	3	0.7	T	0.3	14
Bonanza Creek	82	1150	5/02	24	6.0E	2.4	4.2	7
Caribou Creek	103	1440	5/02	12	3.7	0.0	3.4	4
Caribou Mine	28	1115	4/28	27	7.1	0.0	4.3	9
Cleary Summit	18	2230	4/28	35	9.6	6.6	7.8	14
A - Aerial Marker Reading E - Estimated T - Trace SP - Snow Pillow N/S - No Survey								

+ 1958-1972 period.

SNOW

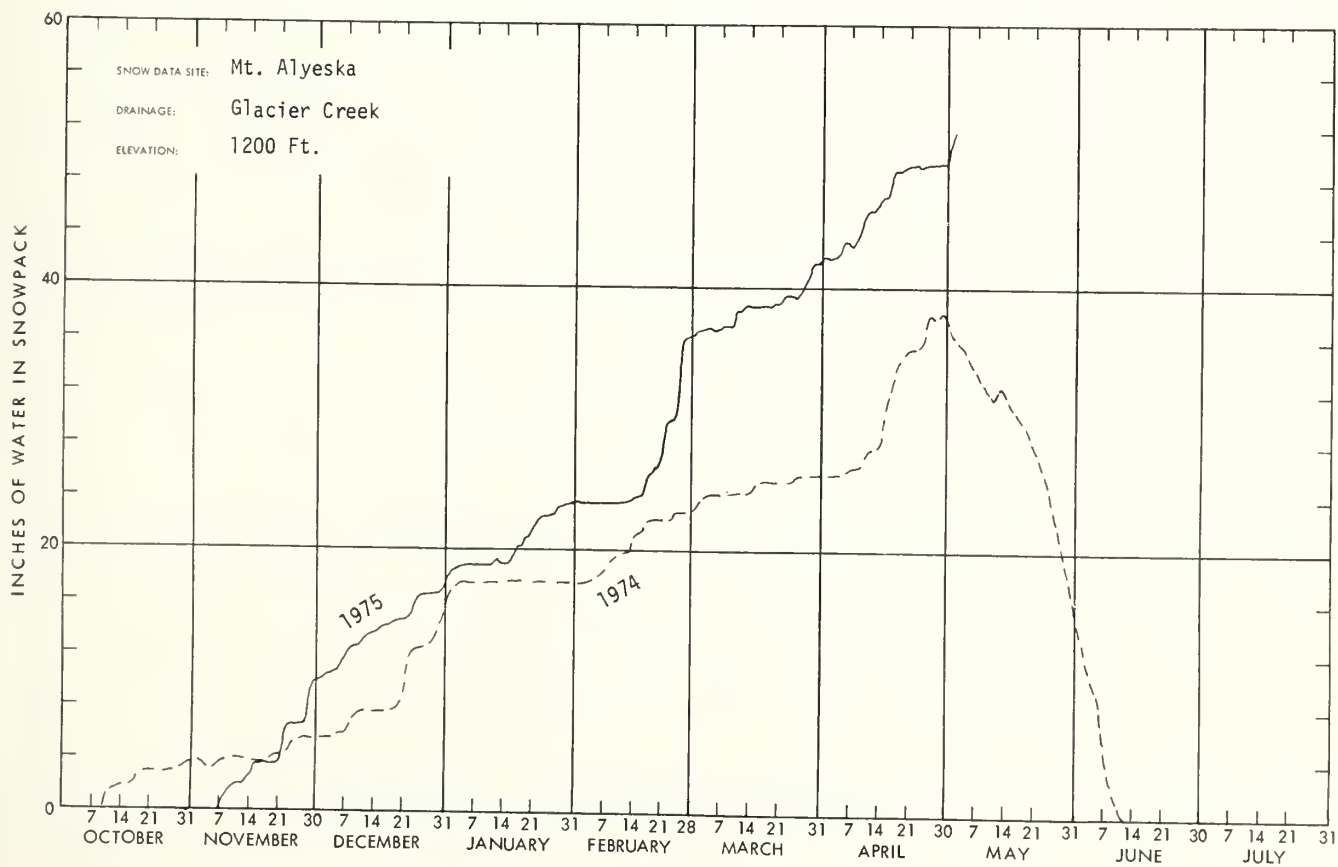
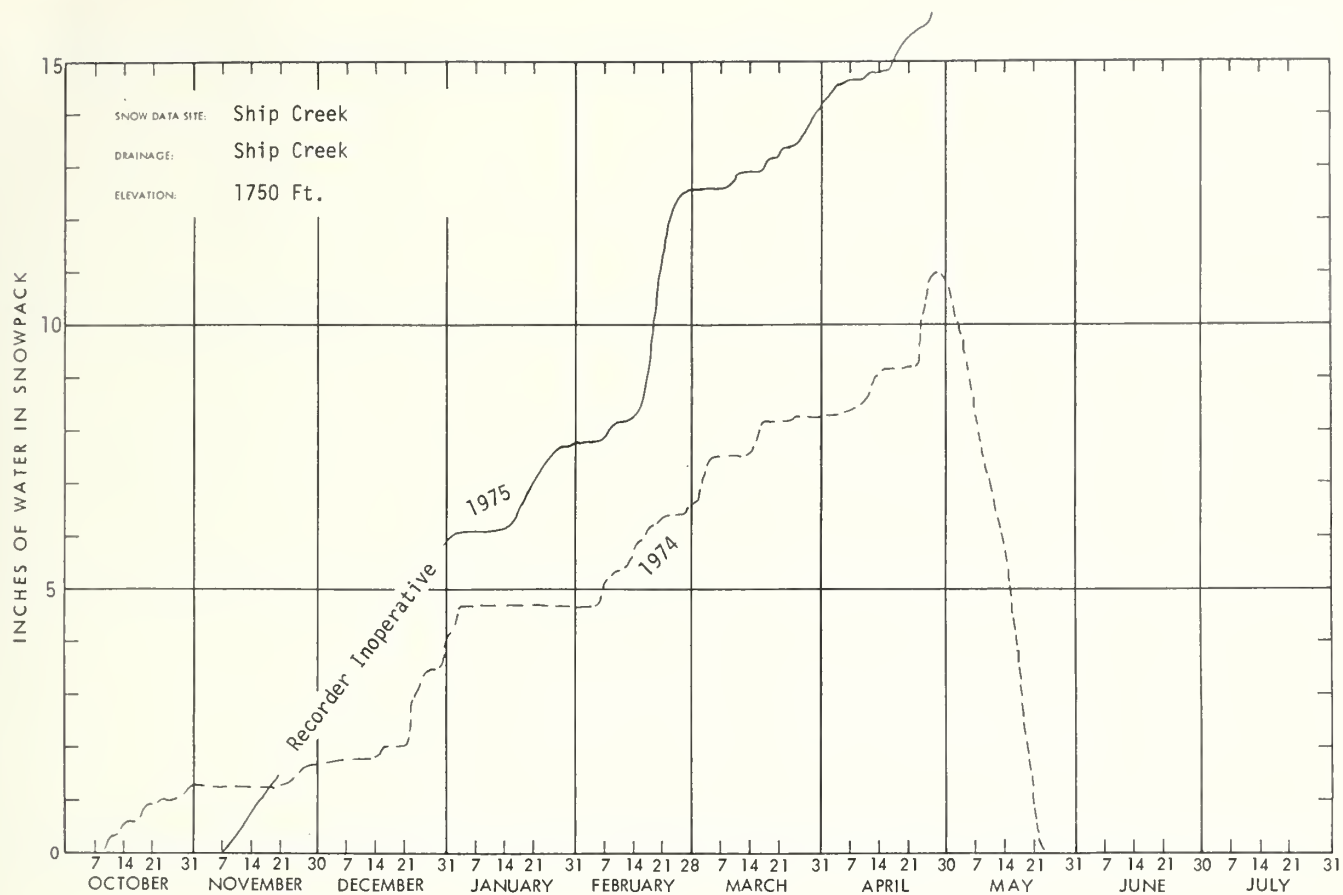
SNOW			THIS YEAR			PAST RECORD		
DRAINAGE BASIN and/or SNOW COURSE			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		Years of Previous Record
NAME	Number	Elevation				Last Year	Average †	
TANANA-CHENA continued:								
Colorado Creek	27	750	4/29	22	6.3	0.0	3.6	9
Donnelly Dome	80	2200	5/02	20	5.9	2.1	5.3	8
Fielding Lake	33	3000	5/02	58	18.1	11.3	12.3	14
Fort Greely	78	1420	5/02	T	T	0.0	1.8	8
French Creek	24	2010	5/01	31	8.0	1.9	6.2	12
Granite Creek	81	1235	5/01	T	T	0.0	1.5	7
Haystack Mtn.	102	1950	5/02	28	7.5E	5.0	7.3	4
Little Chena	19	2200	4/28	26	7.6	4.0	5.9	13
Little Salcha	25	1500	5/01	23	6.7	0.0	4.1	12
Meadows Road	79	1570	5/02	8	1.8	0.0	1.1	8
Mentasta Pass	31	2430	5/02	19	5.4	6.9	6.1	13
Monument Creek	127	1900	4/28	28	6.9	3.8	---	2
Mt. Ryan	20	2950	4/28	37	9.6	6.9	8.9	13
Munson Ridge	23	3100	4/28	60	19.4	13.6	15.6	13
Poker Creek	104	1025	5/02	12	3.5E	0.0	2.8	5
Teuchet Creek	126	1640	4/28	25	6.5	0.0	---	2
Tok Junction	30	1650	5/02	T	T	0.0	1.5	13
Upper Chena	75	3000	4/28	35	8.9	6.4	9.7	7
Yak Pasture	17	540	4/28	10	3.4	0.0	2.7	14
COPPER RIVER:								
Haggard Creek	34	2540	5/02	25	6.6	6.7	5.4	9
Little Nelchina	40	4160	4/30	32A	7.7E	5.0E	5.8	6
Mankomen Lake	32	3050	5/01	34	8.5	7.3	7.8	8
St. Anne's Lake	54	1985	4/30	19	6.1	T	2.8	9
Sanford River	37	2280	4/29	19A	5.9E	3.4E	2.7	8
Tsaina River	119	1550	4/28	48	16.9	8.8	11.0	3
Worthington Glacier	55	2400	4/28	74	28.2	12.8	20.3	17
MATANUSKA-SUSITNA:								
Alexander Lake	49	200	4/29	44A	14.0E	5.6E	8.7	9
Bald Mtn. Lake	47	2150	4/29	48A	13.4E	7.5E	9.4	10
Chelatna Lake	44	1650	4/29	48A	15.8E	7.6E	14.1	9
Clearwater Lake	36	3100	4/29	29A	7.8E	3.4E	4.3	10
Fog Lakes #2	96	2250	4/29	31	8.0	3.6E	6.2	5
Independence Mine	51	3300	5/01	79	26.4	24.0	21.8	5
Lake Louise	41	2400	4/30	21	4.9	3.7	3.4	10
Monahan Flat	35	2710	4/29	43	11.6	4.8E	7.4	10
Oshetna Lake	39	2950	4/30	25	5.5	3.5E	3.4	10
Peters Hills	45	2010	4/29	63A	19.5	12.5E	16.5	7
Sheep Mtn. #2	120	2900	4/28	20	5.2	0.0	3.5	3
Skwentna	48	158	4/29	37	11.7	T	6.4	8
Talkeetna	46	350	4/29	34	12.2	1.2	6.2	8
Willow Airstrip	50	150	4/30	31	10.6	0.0	2.3	9
UPPER COOK INLET DRAINAGES:								
Arctic Ski Bowl	65	3000	5/01	52	17.6	11.3	12.3	10
Arctic Valley #1	61	500	5/01	11	4.0	0.0	0.0	10
Arctic Valley #2	62	1000	5/01	17	5.7	0.0	0.3	10
Arctic Valley #3	63	2030	5/01	25	8.2	0.0	2.7	10
Arctic Valley #4	64	2330	5/01	28	8.8	3.1	3.6	9
Bird Creek	66	2350	5/01	79	26.3E	17.7	18.3	8
Indian Pass	68	2350	5/01	75	25.4	22.0	22.5	8
McArthur	52	120	4/29	54	20.5	7.9E	15.8	8
Mt. Alyeska	128	1200	5/02	SP	51.9	37.7	---	2
Ship Creek	67	1750	5/01	45	14.7	9.5	10.6	8
South Campbell Creek	129	1200	5/01	33	11.1	T	---	2
PRINCE WILLIAM SOUND:								
Lowe River	118	550	4/28	37	15.4	5.2	10.2	3
Valdez	117	50	4/28	43	17.3	8.3	---	2
A - Aerial Marker Reading E - Estimated T - Trace SP - Snow Pillow N/S - No Survey								

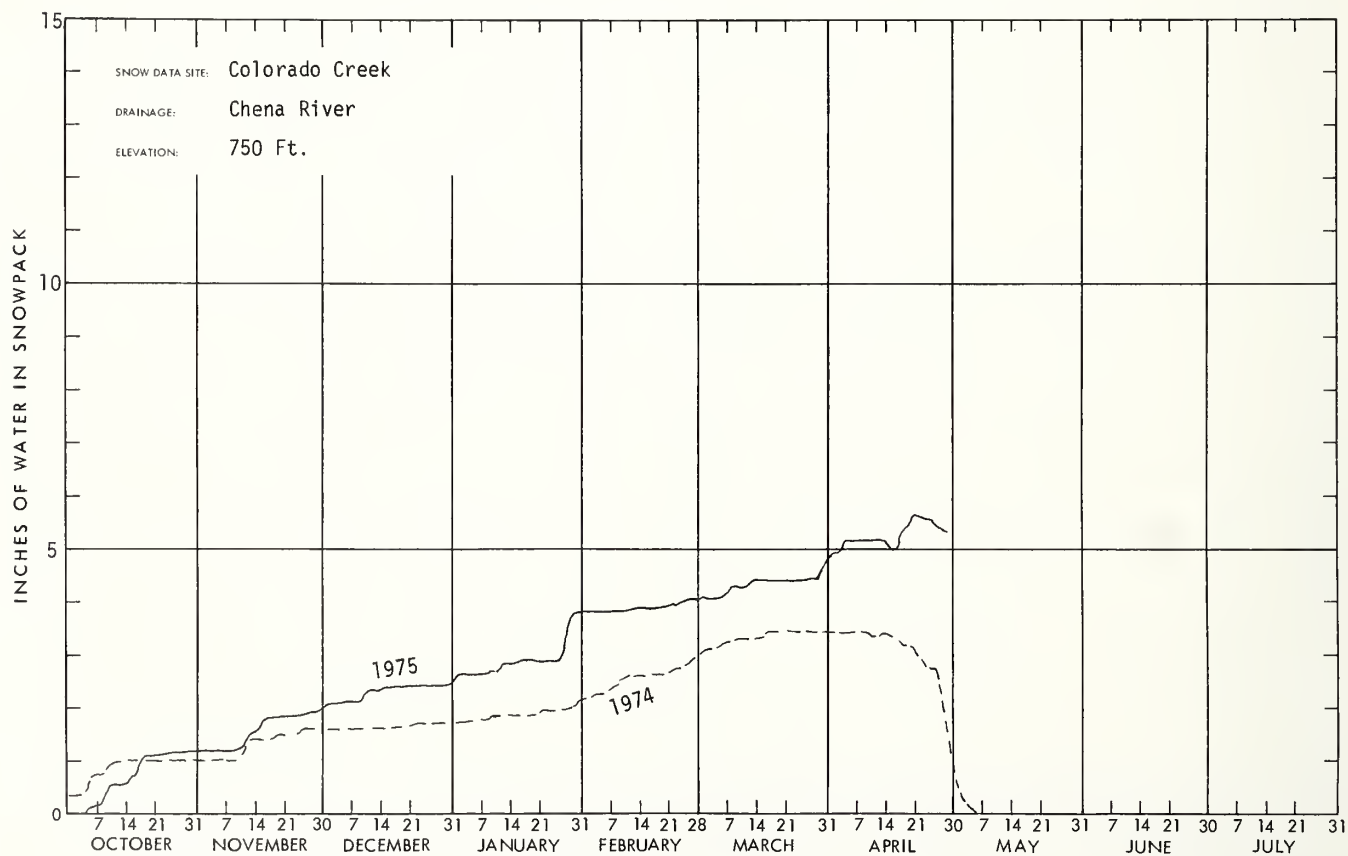
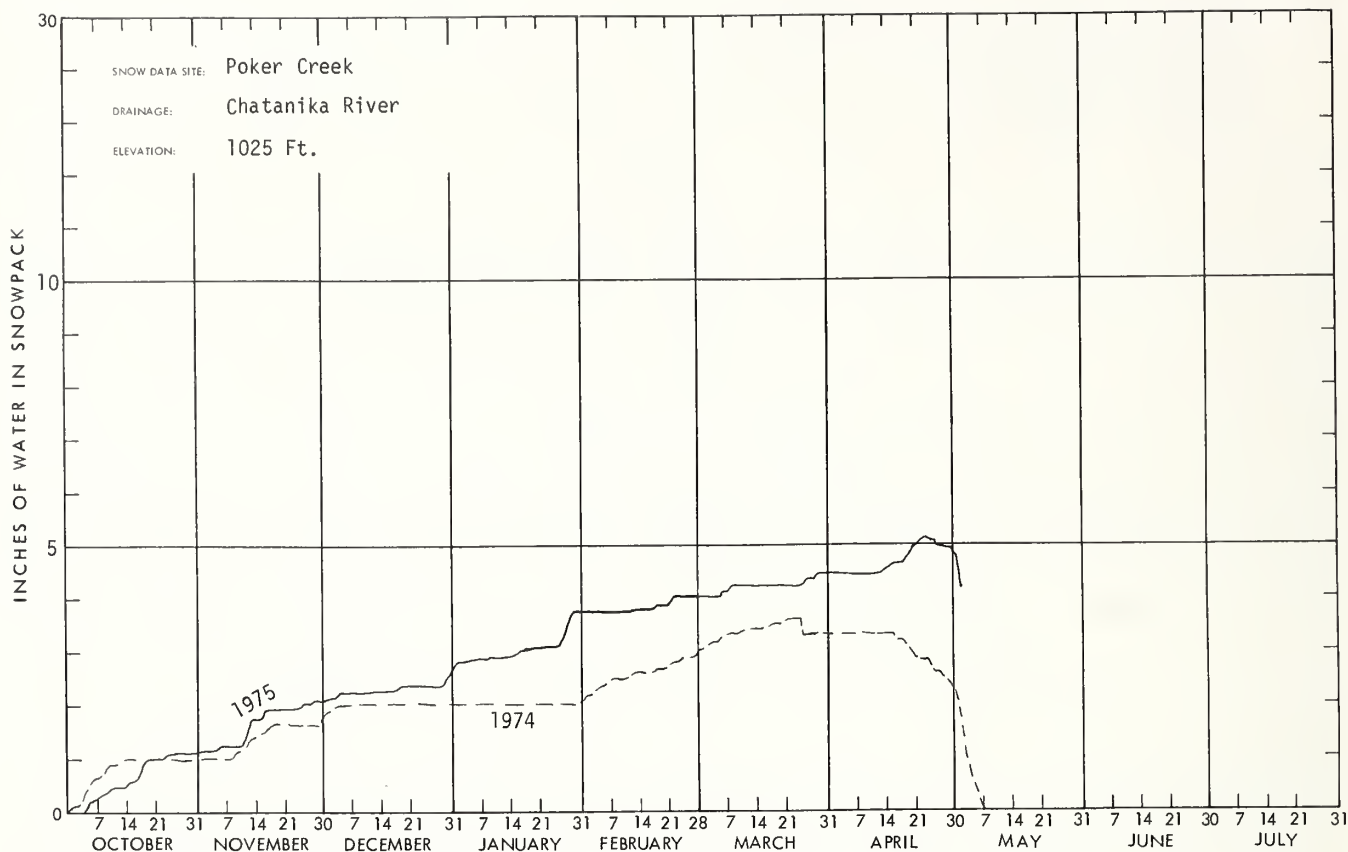
† 1958-1972 period.

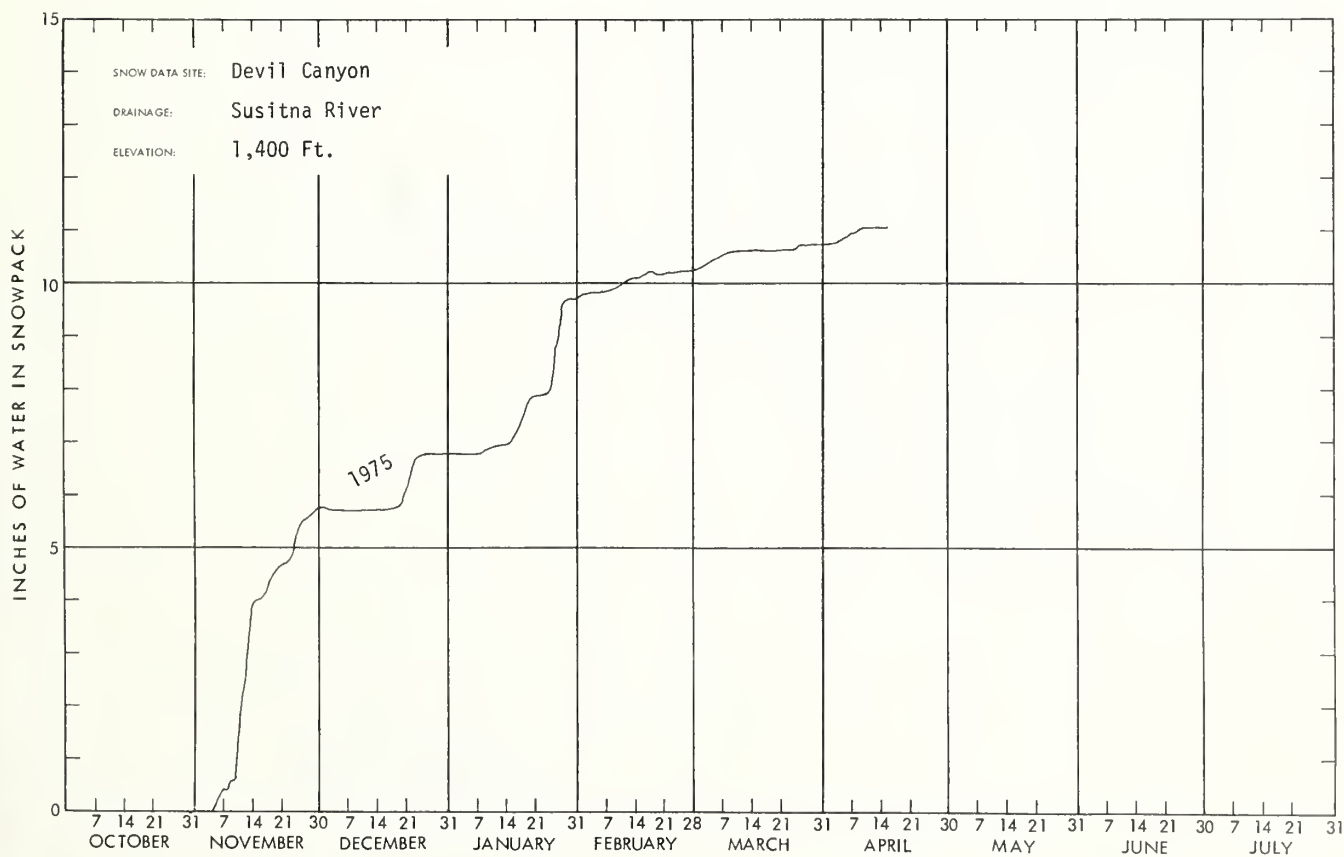
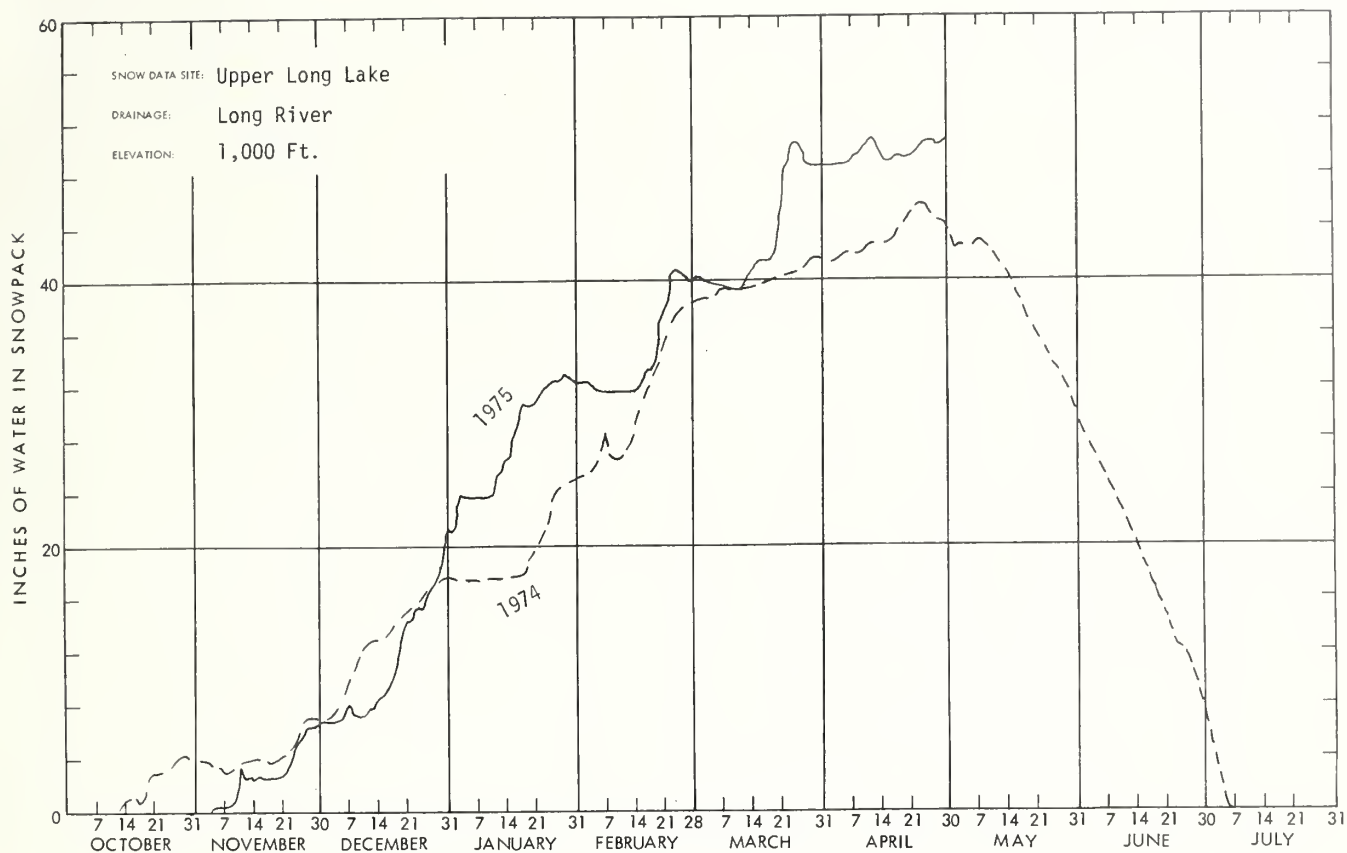
SNOW

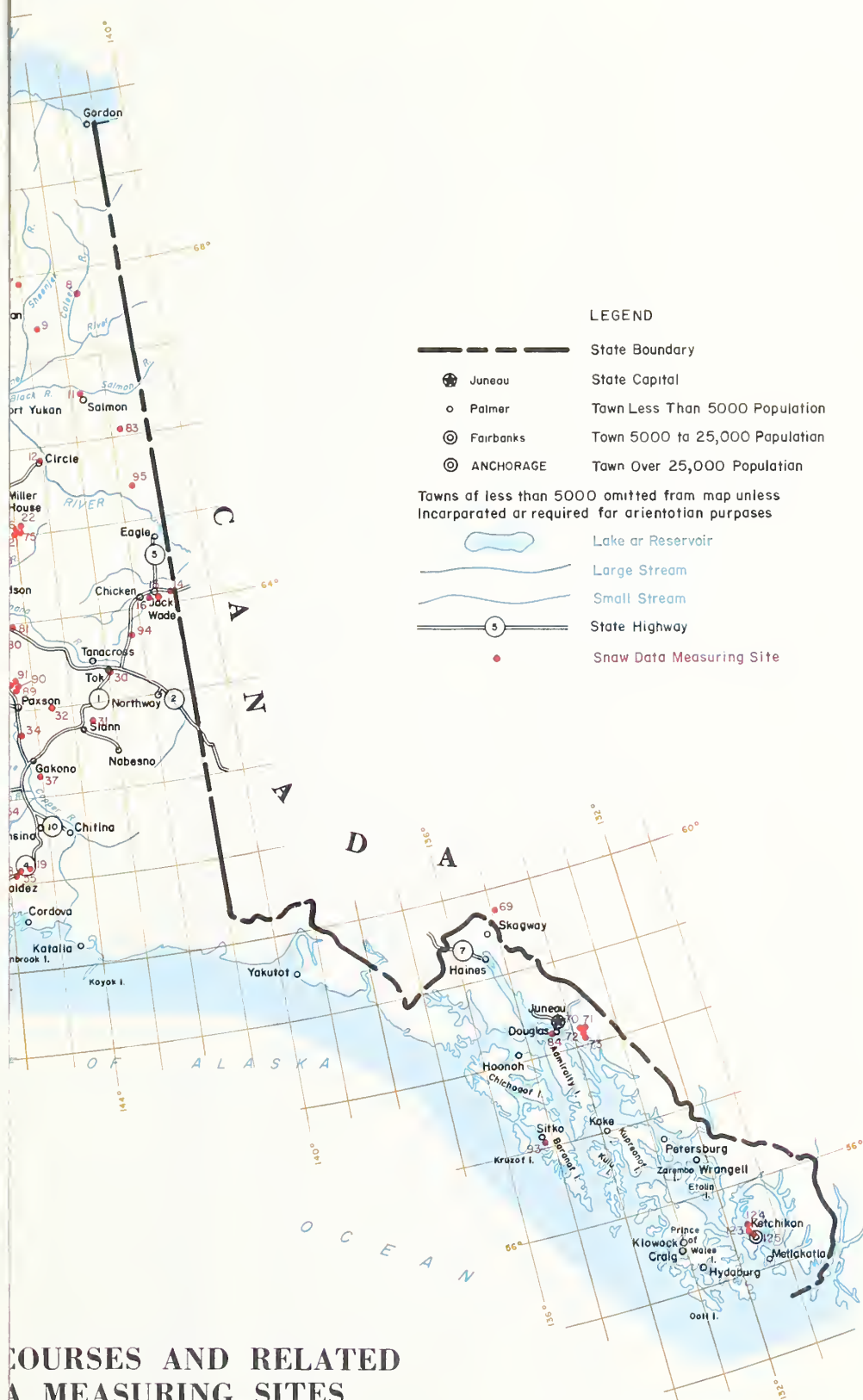
DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		Years of Previous Record
NAME	Number	Elevation				Last Year	Average †	
<u>KENAI PENINSULA:</u>								
Bertha Creek	98	850	4/28	55	19.5	18.1	12.9	5
Bridge Creek, Upper	121	1300	4/30	60	19.7	7.8	10.0	3
Bridge Creek, Lower	122	1100	4/30	58	19.0	9.2	10.4	3
Jean Lake	101	620	4/28	16	4.3	0.0	0.9	5
Kenai Summit	99	1390	4/28	37	12.1	9.0	10.0	5
Moose Pass	100	700	4/28	25	8.2	0.0	2.6	5
<u>SOUTHEAST ALASKA:</u>								
Crater Lake	73	1750	4/30	207	82.8E	73.5	71.7	10
Douglas Ski Bowl	84	1640	5/03	123	56.9	45.8	41.1	7
Harriet Top	123	2000	NO SURVEY			69.2	70.4	3
Hunt Saddle	124	1500	NO SURVEY			51.6	53.6	3
Lake Shore	125	660	NO SURVEY			25.0	26.9	3
Long Lake	71	1075	4/30	141	61.8E	48.8	48.7	10
Speel River	72	275	4/30	99	40.6	30.2	31.7	10
Upper Long Lake	70	1000	4/30	127	48.0	50.0	47.4	10
<u>GLACIER STATIONS:</u>								
Gulkana Glacier A	89	4590						
Water Year 1975:			10/11	16	3.2	---	---	--
			2/23	57	16.5	---	---	1
Gulkana Glacier B	90	5478						
Water Year 1974:			6/15	61	27.6	---	43.8	3
Water Year 1975:			10/11	26	5.5	---	---	--
			2/23	98	36.6	---	---	2
Gulkana Glacier C	91	6363						
Water Year 1974:			6/17	85	39.8	---	---	2
			7/24	44	21.6	53.5	---	--
Water Year 1975:			10/11	31	7.1	---	---	--
			2/25	102	39.0	---	---	1
Wolverine Glacier A	86	2100						
Water Year 1975			2/08	61	23.2	---	---	2
Wolverine Glacier B	87	3610						
Water Year 1974			6/08	94	54.3	---	---	1
Water Year 1975			2/06	114	46.8	---	---	2
Wolverine Glacier C	88	4430						
Water Year 1974			6/08	138	70.1	---	---	1
			8/04	53	29.1	---	---	1
Water Year 1975			2/06	132	53.9	---	---	1
A - Aerial Marker Reading E - Estimated T - Trace SP - Snow Pillow N/S - No Survey								

† 1958-1972 period.



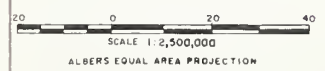






COURSES AND RELATED A MEASURING SITES **ALASKA**

1975





U.S.S.R.

LEGEND

- State Boundary
- State Capital
- Town Less Than 5000 Population
- Town 5000 to 25,000 Population
- Town Over 25,000 Population
- Towns of less than 5000 omitted from map unless incorporated or required for orientation purposes
- Lake or Reservoir
- Large Stream
- Small Stream
- State Highway
- Snow Data Measuring Site

SNOW COURSES AND RELATED
DATA MEASURING SITES
ALASKA

1975

20 0 20 40
SCALE 1:2,500,000
ALBERS EQUAL AREA PROJECTION

M7-OL-22020
USDA/USFS/PORTLAND, OREGON 1974

MAP NO.	COURSE NAME	LAT.	LONG.	MEAS. OATES *	MEAS. * BY
1	Anaktuvuk Pass	63°52'N	145°50'W	1,2,3,4,5,7	a
2	Bettles Field	63°47'N	145°43'W	1,2,3,4,5,7	a
3	Chandalar Lake	63°57'N	145°24'W	1,2,3,4,5,7	a
4	Squaw Lake	64°45'N	148°20'W	2,3,4,5	b
5	Venetie	66°06'N	141°48'W	3,4	a
6	Arctic Village	58°16'N	134°27'W	3,4,5	b
7	Koness Lake	60°23'N	148°54'W	1,2,4,5,6,7	g
8	Coleen River	60°25'N	148°55'W	2,3,4,5,6,7	g
9	Vundik Lake	60°25'N	148°55'W	1,2,4,6,7	g
10	Fort Yukon	63°15'N	145°29'W	2,3,4,5,6,7	g
11	Black River	63°17'N	145°26'W	2,3,4,5,6,7	g
12	Circle City	63°19'N	145°29'W	5,6,7	g
14	Eagle Village	57°04'N	135°10'W	3,4,5	b
15	Boundary	63°42'N	142°17'W	3,4,5	a
16	Chicken Airstrip	65°25'N	141°40'W	3,4	a
17	Yak Pasture	62°47'N	148°29'W	2,3,4,5	a,c
18	Cleary Summit	60°45'N	149°51'W	2,3,4,5	a
19	Little Chena	60°40'N	149°28'W	2,3,4,5	a
20	Mt. Ryan	60°31'N	149°30'W	2,3,4,5	a
21	Chena Hot Springs	60°31'N	150°11'W	2,3,4,5	a
22	Big Windy	65°08'N	147°38'W	2,3,4,5	d
23	Munson Ridge	65°09'N	147°35'W	2,3,4,5	d
24	French Creek	65°08'N	147°32'W	2,3,4,5,7	d
25	Little Salcha	68°39'N	147°30'W	3,4,5	f
27	Colorado Creek	67°42'N	149°45'W	2,3,4,5	f
28	Caribou Mine	67°16'N	150°10'W	1,2,3,4	f
29	Big Delta	66°47'N	150°45'W	2,3,4,5	f
30	Tok Junction	65°55'N	149°48'W	2,3,4,5	f
31	Mentasta Pass	67°58'N	149°45'W	2,3,4,5	f
32	Mankomen Lake	67°50'N	149°41'W	2,3,4,5	f
33	Fielding Lake	67°48'N	150°08'W	2,3,4,5	f
34	Haggard Creek	67°28'N	149°31'W	2,3,4,5	f
35	Monahan Flat	67°17'N	149°34'W	2,3,4,5	f
36	Clearwater Lake	66°51'N	149°50'W	2,3,4,5	f
37	Sanford River	66°13'N	150°15'W	2,3,4,5	f
38	Fog Lakes	61°08'N	146°20'W	2,3,4,5	a
39	Oshetna Lake	61°06'N	145°50'W	3,4,5	a
40	Little Nelchina	61°12'N	145°30'W	3,4,5	a
41	Lake Louise	61°47'N	147°30'W	3,4,5	a
42	Lake Minchumina	59°42'N	151°28'W	3,4,5	a
43	Farewell Lake	59°40'N	151°32'W	3,4,5	a
44	Chelatna Lake	55°29'N	131°37'W	3,4,5	b
45	Peters Hills	55°30'N	131°37'W	3,4,5	b
46	Talkeetna	55°29'N	131°36'W	3,4,5	b
47	Bald Mt. Lake	64°57'N	145°31'W	2,3,4,5	a
48	Skwentna	65°03'N	145°55'W	2,3,4,5	a
49	Alexander Lake	60°57'N	149°05'W	2,3,4,5	b,a
50	Willow Airstrip	61°08'N	149°42'W	2,3,4,5	a
51	Independence Mine				
52	McArthur				
53	Sheep Mountain				
54	St. Anne's Lake				
55	Worthington Glacier				
56	Moraine				
57	Ptarmigan				
59	Goat	D			
60	Grizzly				
61	Arctic Valley #1	6 refer to January 1,			
62	Arctic Valley #2	ril 1, May 1, June 1,			
63	Arctic Valley #3	es.			
64	Arctic Valley #4				
65	Arctic Ski Bowl	that secures the snow			
66	Bird Creek				
67	Ship Creek	rvice			
68	Indian Pass				
69	Log Cabin (B.C.)	ngineers			
70	Upper Long Lake	ns Research & Eng. Lab			
71	Long Lake	tration			
72	Speel River	ement			
73	Crater Lake	ey			
74	Wien Lake				
75	Upper Chena	now course no. refer to:			
76	Wolf Creek	il stadia marker			
77	Lake Todatonten	only			
78	Ft. Greely	n			
		e Gage			

AGENCIES AND ORGANIZATIONS COOPERATING IN ALASKA SNOW SURVEYS

FEDERAL

Atomic Energy Commission

Department of Agriculture

Forest Service

Institute of Northern Forestry

North Tongass National Forest

South Tongass National Forest

Chugach National Forest

Department of Commerce

National Oceanic and Atmospheric Administration

NOAA National Weather Service

Department of Defense

U.S. Army Corps of Engineers

U.S. Army Cold Regions Research and Engineering Laboratory

Department of Interior

Bureau of Land Management

Geological Survey

Alaska Power Administration

STATE

Alaska Department of Highways

Alaska Soil Conservation District

Fairbanks Soil Conservation Sub-district

Homer Soil Conservation Sub-district

Kenai-Kasilof Soil Conservation Sub-district

Kenny Lake Soil Conservation Sub-district

Kodiak Soil Conservation Sub-district

Montana Soil Conservation Sub-district

Ninilchik Soil Conservation Sub-district

Palmer Soil Conservation Sub-district

Salcha-Big Delta Soil Conservation Sub-district

Wasilla Soil Conservation Sub-district

University of Alaska

BOROUGH

Greater Anchorage Area Borough

MUNICIPALITIES

City of Anchorage

PRIVATE

Mt. Alyeska Resort, Inc.

INDEX OF ALASKA SNOW COURSES

MAP NO.	COURSE NAME	COURSE NO. *	ELEV.	LAT.	LONG.	MEAS. OATES *	MEAS. BY *	MAP NO.	COURSE NAME	COURSE NO. *	ELEV.	LAT.	LONG.	MEAS. DATES *	MEAS. BY *
1	Anaktuvuk Pass	51TT1A	2100	68°09'N	151°41'W	3,4	a	79	Meadows Road	45002	1570	63°52'N	145°50'W	1,2,3,4,5,7	a
2	Bettles Field	51RR1A	640	66°35'N	151°32'W	3,4	a	80	Oonnelly Oome	45003	2200	63°47'N	145°43'W	1,2,3,4,5,7	a
3	Chandalar Lake	48SS1A	2040	67°30'N	148°30'W	3,4	a	81	Granite Creek	45004	1240	63°57'N	145°24'W	1,2,3,4,5,7	a
4	Squaw Lake	48S2a	2150	67°33'N	148°15'W	3,4	a	82	Bonanza Creek	48PP1	1150	64°45'N	148°20'W	2,3,4,5	b
5	Venetie	46551A	610	67°03'N	146°25'W	3,4,7	a	83	Oempsey Creek	41RR2A	950	66°06'N	141°48'W	3,4	a
6	Arctic Village	45TT1A	2300	68°05'N	145°35'W	3,4	a	84	Oouglas Ski Bowl	34JJ1	1640	58°16'N	134°27'W	3,4,5	b
7	Koness Lake	44551A	1790	67°55'N	144°08'W	3,4	a	86	Wolverine Glacier (A)	48LL1	2130	60°23'N	148°54'W	1,2,4,5,6,7	g
8	Coleen River	42551A	1100	67°44'N	142°28'W	3,4,7	a	87	Wolverine Glacier (B)	48LL2	3610	60°25'N	148°55'W	2,3,4,5,6,7	g
9	Vundik Lake	43SS1a	950	67°23'N	143°45'W	3,4	a	88	Wolverine Glacier (C)	48LL3	4430	60°25'N	148°55'W	1,2,4,6,7	g
10	Fort Yukon	45RR1AM	430	66°35'N	145°15'W	3,4,7	a	89	Gulkana Glacier (A)	45006	4590	63°15'N	145°29'W	2,3,4,5,6,7	g
11	Black River	42RR1A	650	66°36'N	142°45'W	3,4,7	a	90	Gulkana Glacier (B)	45007	5480	63°17'N	145°26'W	2,3,4,5,6,7	g
12	Circle City	44QQ3A	600	65°50'N	144°05'W	3,4,7	a	91	Gulkana Glacier (C)	45008	6360	63°19'N	145°29'W	5,6,7	g
14	Eagle Village	41PP1A	900	64°08'N	141°08'W	3,4,7	a	93	Blue Lake	35II2	950	57°04'N	135°10'W	3,4,5	b
15	Boundary	41PP3A	3300	64°05'N	141°27'W	3,4	a	94	Mt. Fairplay	42001a	3100	63°42'N	142°17'W	3,4,5	a
16	Chicken Airstrip	41PP2A	1650	64°05'N	141°45'W	3,4,7	a	95	Nation River	41QQ1a	3050	65°25'N	141°40'W	3,4	a
17	Yak Pasture	47PP1	540	64°52'N	147°55'W	2,3,4,5	a	96	Fog Lakes #2	48NN2A	2250	62°47'N	148°29'W	2,3,4,5	a,c
18	Clary Summit	47QQ1A	2230	65°03'N	147°24'W	1,2,3,4,5,7	a	98	Bertha Creek	49LL2	850	60°45'N	149°51'W	2,3,4,5	a
19	Little Chena	46QQ2AP	2200	65°08'N	146°32'W	2,3,4,5,7	a	99	Kenai Summit	49LL3	1390	60°40'N	149°28'W	2,3,4,5	a
20	Mt. Ryan	46QQ1AP	2950	65°16'N	146°07'W	2,3,4,5,7	a	100	Moose Pass	49LL4	700	60°31'N	149°30'W	2,3,4,5	a
21	Chena Hot Springs	45QQ1	1250	65°03'N	145°03'W	2,3,4,5,7	a	101	Jean Lake	50LL1	620	60°31'N	150°11'W	2,3,4,5	a
22	Big Windy	44QQ2AP	3850	65°07'N	144°52'W	2,3,4,5,7	a	102	Haystack Mtn.	47QQ2	1950	65°08'N	147°38'W	2,3,4,5	d
23	Munson Ridge	46PP1AP	3100	64°52'N	146°13'W	2,3,4,5,7	a	103	Caribou Creek	47QQ3	1440	65°09'N	147°35'W	2,3,4,5	d
24	French Creek	46PP2MA	2010	64°43'N	146°40'W	2,3,4,5,7	a	104	Poker Creek	47QQ4S	1025	65°08'N	147°32'W	2,3,4,5,7	d
25	Little Salcha	46PP3	1500	64°38'N	146°44'W	2,3,4,5,7	a	105	Elusive Lake	47TT1A	1800	68°39'N	147°30'W	3,4,5	f
27	Colorado Creek	46PP4S	750	64°52'N	146°39'W	1,2,3,4,5,7	a	106	Oietrich Camp	49SS1A	1550	67°42'N	149°45'W	2,3,4,5	f
28	Caribou Mine	45PP2A	1115	64°40'N	145°40'W	2,3,4,5,7	a	107	Cold Foot Camp	50SS1	1000	67°16'N	150°10'W	1,2,3,4	f
29	Big Delta	45PP1	980	64°14'N	145°58'W	2,3,4,5	a	108	Prospect Creek	50RR1	980	66°47'N	150°45'W	2,3,4,5	f
30	Tok Junction	43001	1650	63°18'N	143°00'W	2,3,4,5	a	109	Five Mile Camp	49RR1	400	65°55'N	149°48'W	2,3,4,5	f
31	Mentasta Pass	43NN1	2430	62°51'N	143°30'W	2,3,4,5	a	110	Table Mountain	49S53a	2200	67°58'N	149°45'W	2,3,4,5	f
32	Mankomen Lake	44NN1	3050	63°00'N	144°32'W	2,3,4,5	a	111	Snowden Mtn.	49S54a	1900	67°50'N	149°41'W	2,3,4,5	f
33	Fielding Lake	45001A	3000	63°18'N	145°33'W	2,3,4,5	a	112	Kupuk Creek	50SS2a	2300	67°48'N	150°08'W	2,3,4,5	f
34	Haggard Creek	45NN1A	2540	62°42'N	145°28'W	2,3,4,5	a	113	Glacier Creek	49S52a	2000	67°28'N	149°31'W	2,3,4,5	f
35	Monahan Flat	47001A	2710	63°18'N	147°39'W	2,3,4,5	a,c	114	West Buttons	49S55a	1600	67°17'N	149°34'W	2,3,4,5	f
36	Clearwater Lake	46NN1A	3100	62°59'N	146°58'W	2,3,4,5	a,c	115	Jim River	49RR1a	1900	66°51'N	149°50'W	2,3,4,5	f
37	Sanford River	45NN2A	2280	62°13'N	145°04'W	2,3,4,5	a,c	116	Thirty Mile	50RR2a	1300	66°13'N	150°15'W	2,3,4,5	f
38	Fog Lakes	48NN1A	2270	62°47'N	148°30'W	2,3,4,5	a,c	117	Valdez	46MM2	50	61°08'N	146°20'W	2,3,4,5	a
39	Oshetna Lake	47NN1A	2950	62°23'N	147°29'W	2,3,4,5	a,c	118	Lowe River	45MM3	550	61°06'N	145°50'W	3,4,5	a
40	Little Nelchina	47NN2a	4160	62°07'N	147°36'W	2,3,4,5	a,c	119	Tsaina River	45MM4	1500	61°12'N	145°30'W	3,4,5	a
41	Lake Louise	46NN2A	2400	62°17'N	146°30'W	2,3,4,5	a,c	120	Sheep Mtn. #2	47MM2	2900	61°47'N	147°30'W	3,4,5	a
42	Lake Minchumina	52001A	730	63°53'N	152°18'W	3,4	a	121	Bridge Creek (UP)	51KK1	1300	59°42'N	151°28'W	3,4,5	a
43	Farewell Lake	53NN1A	1090	62°34'N	153°35'W	3,4	a	122	Bridge Creek (LO)	51KK2	1100	59°40'N	151°32'W	3,4,5	a
44	Chelatna Lake	51NN1a	1650	62°31'N	151°29'W	2,3,4,5	a,c	123	Harriet Top	31GG1	2000	55°29'N	131°37'W	3,4,5	b
45	Peters Hills	50NN1a	2010	62°31'N	150°57'W	2,3,4,5	a,c	124	Hunt Saddle	31GG2	1500	55°30'N	131°37'W	3,4,5	b
46	Talkeetna	50NN2	350	62°18'N	150°05'W	2,3,4,5	a,c	125	Lake Shore	31GG3	660	55°29'N	131°36'W	3,4,5	b
47	Bald Mt. Lake	49NN1A	2150	62°15'N	149°45'W	2,3,4,5	a,c	126	Teuchet Creek	45PP3	1640	64°57'N	145°31'W	2,3,4,5	a
48	Skwentna	51MM1A	160	61°58'N	151°12'W	2,3,4,5	a,c	127	Monument Creek	45QQ2	1900	65°03'N	145°55'W	2,3,4,5	a
49	Alexander Lake	50MM1A	200	61°45'N	150°54'W	2,3,4,5	a,c	128	Mt. Alyeska	49LL15S	1200	60°57'N	149°05'W	2,3,4,5	b,a
50	Willow Airstrip	50MM2	150	61°45'N	150°03'W	2,3,4,5	a,c	129	South Campbell Creek	49MM11	1200	61°08'N	149°42'W	2,3,4,5	a
51	Independence Mine	49MM10	3300	61°45'N	149°25'W	3,4,5	a								
52	McArthur	52LL1A	120	61°00'N	152°00'W	2,3,4,5	a,c								
53	Sheep Mountain	47MM1	2700	61°47'N	147°29'W	3,4,5	a								
54	St. Anne's Lake	46MM1A	1990	61°53'N	146°03'W	2,3,4,5	a,c								
55	Worthington Glacier	45MM2	2400	61°10'N	145°45'W	3,4,5	a								
56	Moraine	48MM1	2100	61°22'N	148°59'W	3,4,5,7	e								
57	Ptarmigan	48MM2	3000	61°22'N	148°59'W	3,4,5,7	e								
59	Goat	48MM7A	3200	61°14'N	148°51'W	3,4,5,7	e								
60	Grizzly	48MM4A	5000	61°15'N	148°56'W	3,4,7	e								
61	Arctic Valley #1	49MM1	500	61°13'N	149°40'W	2,3,4,5	c								
62	Arctic Valley #2	49MM2	1000	61°13'N	149°37'W	2,3,4,5	c								
63	Arctic Valley #3	49MM3	2030	61°14'N	149°35'W	2,3,4,5	c								
64	Arctic Valley #4	49MM4	2330	61°14'N	149°33'W	2,3,4,5	c								
65	Arctic Ski Bowl	49MM5	3000	61°15'N	149°31'W	2,3,4,5	c								
66	Bird Creek	49MM6A	2350	61°06'N	149°20'W	2,3,4,5,7	a								
67	Ship Creek	49MM7MPS	1750	61°08'N	149°28'W	2,3,4,5	a								
68	Indian Pass	49MM8A	2350	61°05'N	149°29'W	2,3,4,5	a								
69	Log Cabin (B.C.)	34KK1	2880	59°45'N	134°58'W	3,4,5	e								
70	Upper Long Lake	33JJ2aS	1000	58°11'N	133°53'W	3,4,5,6,7	e								
71	Long Lake	33JJ1A	1080	58°12'N	133°47'W	3,4,5,6,7	e								
72	Speel River	33JJ3A	280	58°09'N	133°43'W	3,4,5,6,7	e								
73	Crater Lake	33JJ4a	1750	58°08'N	133°43'W	3,4,5,6,7	e								
74	Wien Lake	51PP1A	1020	64°22'N	151°18'W	3,4	a								
75	Upper Chena	44QQ1AP	3000	65°07'N	144°55'W	2,3,4,5,7	a								
76	Wolf Creek	44QQ4a	3850	65°08'N	144°57'W	2,3,4,5,7	a								
77	Lake Todatonten	52RR1a	980	66°10'N	152°55'W	3,4	a								
78	Ft. Greely	45005	1420	63°57'N	145°45'W	1,2,3,4,5,7	a								

LEGEND

- * Numerals 1,2,3,4,5, and 6 refer to January 1, February 1, March 1, April 1, May 1, June 1, and 7 - for special dates.

* Letters refer to Agency that secures the snow survey, as follows:

 - a. Soil Conservation Service
 - b. Forest Service
 - c. U.S. Army Corps of Engineers
 - d. U.S. Army Cold Regions Research & Eng. Lab
 - e. Alaska Power Administration
 - f. Bureau of Land Management
 - g. U.S. Geological Survey

* Letters following the snow course no. refer to:

 - * A. Snow course and aerial stadia marker
 - * a. Aerial stadia marker only
 - M. Soil Moisture Station
 - P. Precipitation Storage Gage
 - S. Snow Pillow

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